

NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090357 Mode: Highway Status: Submitted

US-117 ALT

From/Cross Street: US 70 Bypass Specific Improvement Type: 1 - Widen Existing Roadway

To: SR 1306 (Fedelon Trail) Project Category: Regional Impact

Length: 0.97 **TIP#:** U-2714

Fully Funded in Draft STIP? No

Cost to NCDOT: \$20,947,000

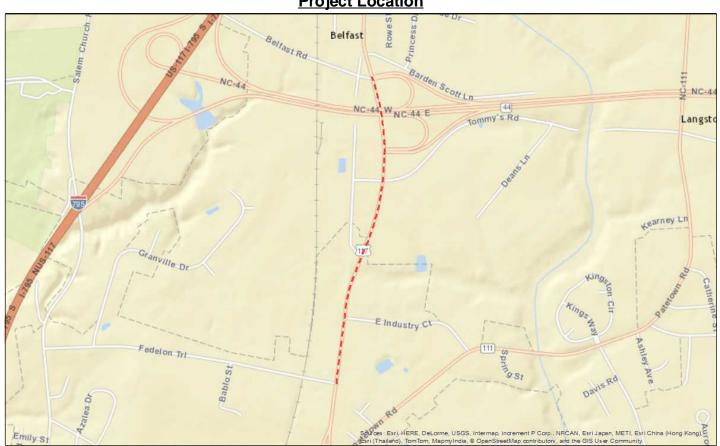
Description:

Widen Roadway and/Or Make Safety Improvements from SR 1306 (Fedelon Trail) to Proposed US 70 Bypass.

Division(s): Division 4 **County(s):** WAYNE

MPOS(s)/RPO(s): Goldsboro Urban Area MPO

Project Location



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Statewide	Mobility	/ Total	Score:	0
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Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
	N/A	N/A
Totals: Weight: 0% Weighted Score: 0		

Regional Impact Total Score: 56.74

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (15%) Safety (15%) Lane Width (10%) [Paved] Shoulder Width (10%) [Travel Time] Benefit/Cost (20%)	36.52 41.40 75.00 75.00 0.25	Percent: 15% Points: 100	Percent: 15% Points: 100
Totals: Weight: 70% Weighted Scor	e: 26.74		

Division Needs Total Score: 47.82

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (10%) Congestion (V/C) (10%) Safety (10%) Lane Width (10%) [Paved] Shoulder Width (10%)	0.25 36.52 41.40 75.00 75.00	Percent: 25% Points: 0	Percent: 25% Points: 100
Totals: Weight: 50% Weighted Scor	e: 22.82		

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Project Data *

Existing Conditions

Existing Cross-Section: 44 Speed Limit: Length (miles); 0.97 Arterial Facility Type: Access Control: None Functional Classification: Minor Arterial Terrain Type: Level Lane Width: 9 Paved Shoulder Width: Roadway has Curb & Gutter? No Volume (AADT): 8700.55 15800.17 Capacity: Volume/Capacity Ratio: 0.55 % Autos: 95% % Trucks: 5% Truck Volume: 460.06 34.19 Crash Density: Crash Severity: 53.55 36.48 Critical Crash Rate: Crash Frequency: 0 0 Severity Index: 2 County Tier Designation: Non-Interstate STRAHNET No Route? Average Commuting Time: 21 Existing Median Type (for Undivided Cost Estimation): Pavement Condition Rating: 76 Actual Congested Speed: 44 Travel Time Index:

Project Benefits

Project Cross-Section:	4B - 4 Lane Divided (23' Raised Median) with Paved Shoulders and Sidewalks
Speed Limit:	45
Length (miles):	0.97
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Minor Arterial
TerrainType:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	231160.84
Travel Time Savings for 30 Years (Autos):	218937.77
Travel Time Savings for 30 Years (Trucks):	12223.07
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 4

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^{*} Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

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Project Ownership

Division

Division	Percent	Regional Impact	Division Needs
Division 4	100%	100	0
	0%	0	0
	0%	0	0
TOTAL Division Points		100	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Goldsboro Urban Area MPO	100%	100	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	100

Project Cost and Source

Construction Cost:	\$19,950,000	TIP Unit
Right-of-Way Cost:	\$890,000	Cost Estimation Tool
Utilities Cost:	\$107,000	Cost Estimation Tool
Total Project Cost:	\$20,947,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$20,947,000	

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